IN THE CLAIMS

Claims 1-11 (canceled)

12. (previously presented): A peptide selected from the group consisting of Y_1KQYTSIHHGY$_0$ (SEQ ID NO: 2), Y_1KKQYTSIHHGY$_0$ (SEQ ID NO: 3) and Y_1KKKQYTSIHHGY$_0$ (SEQ ID NO: 4), in which Y_0 is null or represents V, VV, VVE VVEV or VVEVD and Y_1 represents an internalization and addressing peptide corresponding to the sequence $X_1X_2X_3X_4X_5X_6X_7X_8X_9X_{10}X_{11}X_{12}X_{13}X_{14}X_{15}X_{16}$, in which $X_1X_2X_3X_4X_5X_6X_7X_8X_9X_{10}X_{11}X_{12}X_{13}X_{14}X_{15}$ and X_{16} each represent an α-amino acid, 6 to 10 of said amino acids being hydrophobic and X_6 representing a tryptophan.

13. (previously presented): The peptide as claimed in claim 12, wherein the sequence Y_1 corresponds to the sequence KQIKIWFQNRRMKWKK (SEQ ID NO: 5).

Claims 14 and 15 (canceled)

16. (previously presented): A method of selecting and screening products capable of inhibiting apoptosis comprising detecting inhibition of the capacity of a peptide selected from the group consisting of Y_1KQYTSIHHGY$_0$ (SEQ ID NO: 2), Y_1KKQYTSIHHGY$_0$ (SEQ ID NO: 3) and Y_1KKKQYTSIHHGY$_0$ (SEQ ID NO: 4), in which Y_0 is null or represents V, VV, VVE VVEV or VVEVD and Y_1 is null or represents an internalization and addressing peptide corresponding to the sequence $X_1X_2X_3X_4X_5X_6X_7X_8X_9X_{10}X_{11}X_{12}X_{13}X_{14}X_{15}X_{16}$, in which $X_1X_2X_3X_4X_5X_6X_7X_8X_9X_{10}X_{11}X_{12}X_{13}X_{14}X_{15}$ and X_{16} each represent an α-amino acid, 6 to 10 of said amino acids being hydrophobic and X_6 representing a tryptophan , to induce apototic activity subsequent to internalization into a cell.

17. (previously presented): The method of claim 16 wherein candidate inhibitors are tested against cells in which the claimed peptide has been internalized.

18. (previously presented): The method of claim 17 comprising the steps of:

bringing the potential inhibitor into contact with said cell into which said peptide has been internalized, and

either measuring cleavage of DNA or of actin or measuring the p20 subunit of caspse 3.

Claim 19. (canceled)

20. (previously presented): A peptide selected from the group of peptides Y_1KQYTSIHHGY$_0$ (SEQ ID NO: 2), and Y_1KKQYTSIHHGY$_0$ (SEQ ID NO: 3) in which Y_0 is null or represents V, VV, VVE VVEV or VVEVD and Y_1 is null, and of the peptide of formula Y_1KKKQYTSIHHGY$_0$ (SEQ ID NO: 4), in which Y_0 represents VVEVD and Y_1 is null.